



# Nonmotorized Transportation Pilot Program

## *Walking & Biking to 2010 in Marin County*

2009 California Trails & Greenways Conference  
Yosemite National Park  
April 23, 2009

# What is the Pilot Program?

---

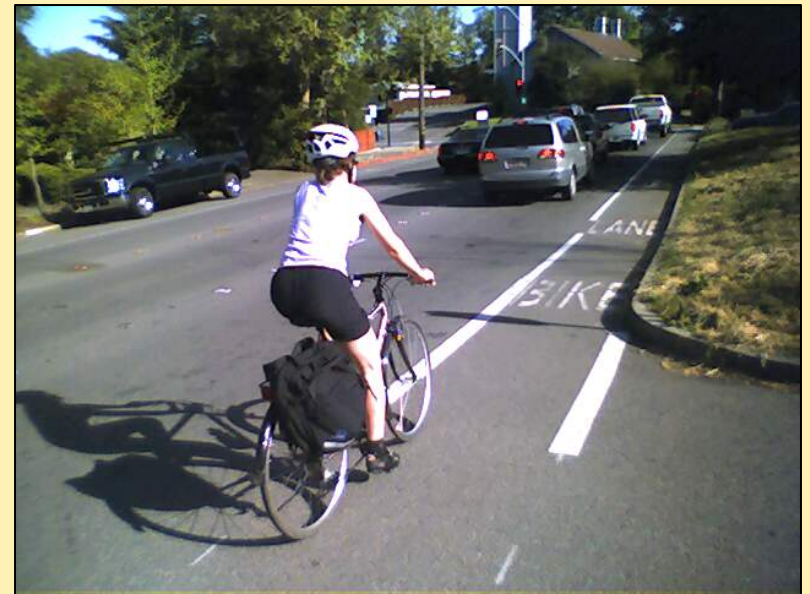
- Component of SAFETEA-LU, the federal transportation bill
- \$100 million allocated to four communities nationwide for bicycle & pedestrian improvements and programs
- Continues through September 2010



# Purpose of the Pilot

---

- To demonstrate the extent to which bicycling and walking can carry a significant part of the transportation load and represent a major portion of the transportation solution within selected communities*



# Program Highlights

---

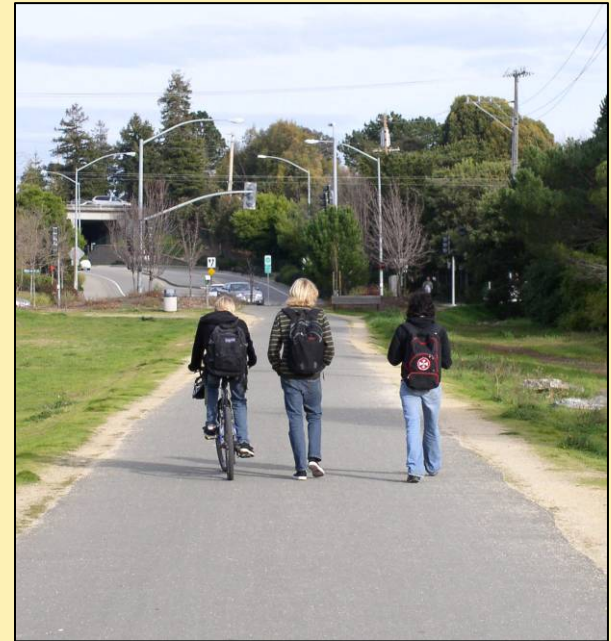
- Requires FHWA to develop statistical information on:
  - Motor Vehicle Usage
  - Nonmotorized Transportation Usage
  - Public Transportation Usage
  - Congestion
  - Connection to Community Activity Centers
  - Promotion of Better Health
  - Decreased Energy Usage
  - Promote a Cleaner Environment



# Benefits of the Pilot Program

---

- Reduce Traffic Congestion
- Decrease Greenhouse Gases
- Increase Physical Activity/Fitness
- Improve Safety
- Enhance Quality of Life



# Program Highlights

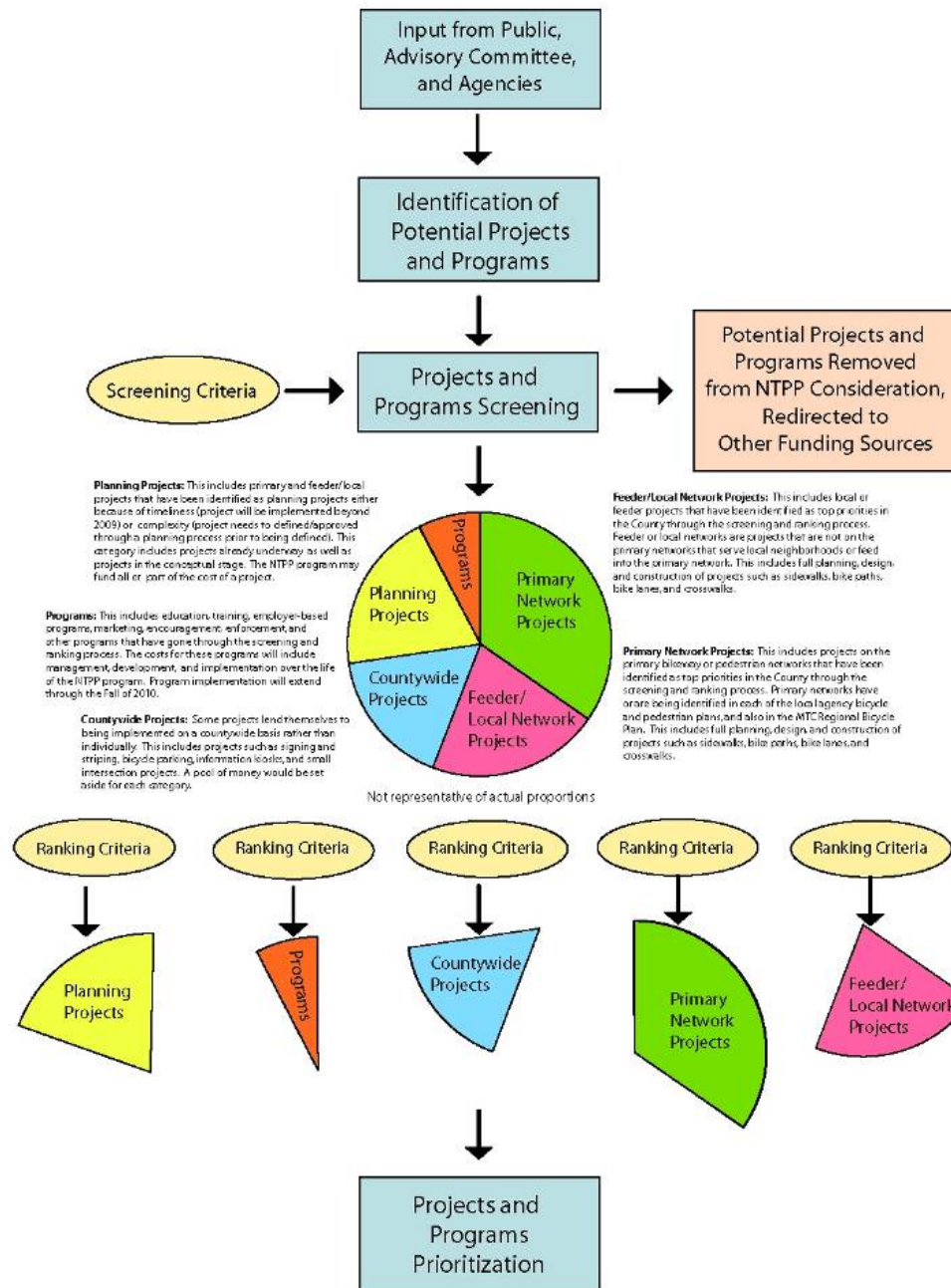
---

- Marin received \$25 million from the program, along with Minneapolis, Minnesota; Columbia, Missouri; and Sheboygan County, Wisconsin
- The program targets 'mode shift', or increasing bicycling and walking trips to work, school, and errands



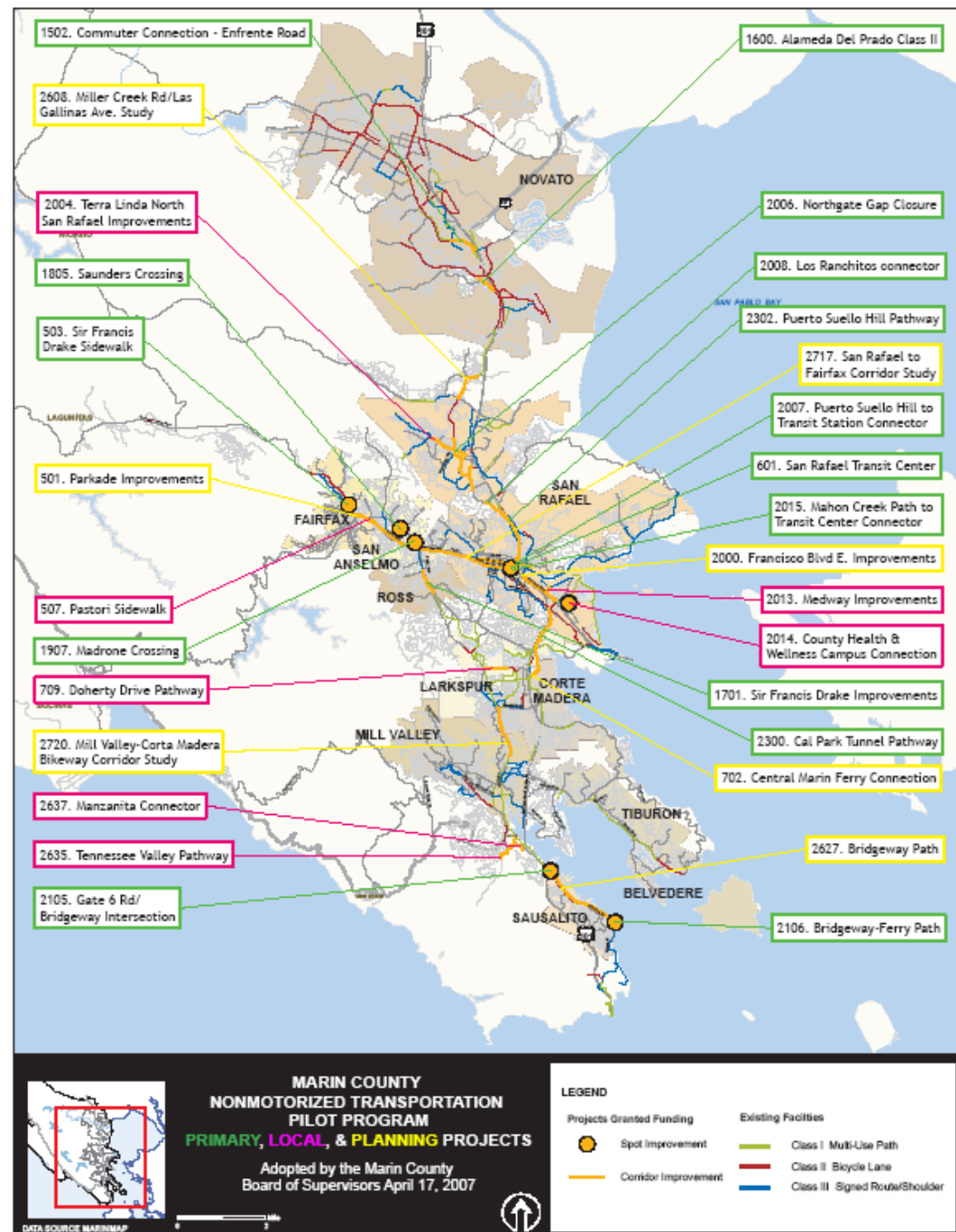


# NTPP Project and Program Identification and Ranking Process



# Projects

- Primary
- Local/Feeder
- Planning





# Project Example

## Tennessee Valley/Manzanita Pathway

Project Number: 2635/2637



### LOCATION

Generally along Coyote Creek and Tennessee Valley Road between the Tam Valley Community Center and the Mill Valley/Sausalito Path (Route 5) with a spur to the Manzanita Park and Ride lot. (Tam Valley)

### COST

\$2,800,000 (estimated)

### FUNDING SOURCES

NTPP \$2,800,000

### COMPLETION DATE

Fall, 2009 (projected)

### PROJECT DESCRIPTION

This project will provide a Class I pathway along Coyote Creek from the Mill Valley/Sausalito path to a signalized crossing of Shoreline Highway at Tennessee Valley Road. Once across Shoreline Highway, the path will continue along Tennessee Valley Road to Marin Avenue. A spur path near the Frantoio Restaurant will connect this path with Shoreline Highway near the Manzanita Park and Ride lot. A new bicycle/pedestrian bridge will be constructed on the west side of Shoreline Highway over Coyote Creek to connect the path to Tam Junction.

### POINTS OF INTEREST

The path will provide a link from Tam Valley to the North/South Greenway (Mill Valley/Sausalito Path), including connections to Marin Avenue (the primary cyclist and pedestrian access to the upper valley), Tam Valley Community Center, and Tam Junction commercial strip. The eastern portion of the path is also a key portion of the community-envisioned Tam Valley Loop.

### STATUS

Design and environmental review is under way.

### ABOUT WALKBIKE-MARIN

WalkBikeMarin is an initiative by the County of Marin to help make Marin more healthy, livable, and environmentally sustainable by encouraging walking and bicycling as everyday transportation. This initiative was catalyzed by a recent \$25 million federal grant to fund the Nonmotorized Transportation Pilot Program (NTPP).

Revision Date: 12/3/07

View east towards Shoreline Highway. The path will cross the highway at a new signalized crossing at Tennessee Valley Road.



Looking west, the existing path, which is subject to tidal flooding, will be raised and widened. Intersecting from the left will be a connecting path to the Manzanita Park and Ride lot.



Looking southwest along Coyote Creek, just west of Shoreline Highway. The new path will follow the creek to the Tam Community Center.



The path will provide an all-weather connection for Tam Valley residents to access the Tam Junction commercial area.

For questions, please contact Pat Echols, Marin County Department of Public Works, [pechols@co.marin.ca.us](mailto:pechols@co.marin.ca.us) or 415-499-7026.



# Project Example

## Commuter Bike Connection

Project Number: 1502



### LOCATION

From Redwood Boulevard to Highway 101 right of way (portion constructed in 1999/2000), along the south side of South Novato Boulevard on-ramp to southbound US Highway 101, then adjacent to Highway 101 (west/ southbound side) approximately 3,000 feet connecting to an existing Class I bike path between the Pell Office Complex parking lot to the Inn Marin parking lot to the existing Inn of Marin access to Enfrente Road, all within the Novato City Limits.

### COST

\$1,850,000 (Construction)

### FUNDING SOURCES

NTPP \$1,400,000; Development Impact Fees \$307,834; BAAQMD Grant \$104,774; and Restricted Revenue \$ 37,392.

### COMPLETION DATE

Fall, 2009 (estimated)

### PROJECT DESCRIPTION

This project will construct a Class I path to connect the existing path along South Novato Boulevard path with Enfrente Road along the west side of Highway 101. The new path will connect to the existing Class I bike path between the two parking lots and the southern portion of this route will traverse the Inn of Marin parking lot, while the existing path connection to the Pell Office complex at 504 Redwood Boulevard will be maintained.

The path will provide a key connection on the North/South Bikeway, linking Novato with central and southern Marin communities. The only current alternatives in this corridor are cycling on the southbound freeway shoulder between the Highway 37/101 ramp and the Entrada Drive exit, a very steep climb up Redwood Blvd./Palmer Drive, or a one mile detour via Sunset Parkway.

The southbound connection between southern Novato and Ignacio involves riding on the shoulder of the freeway. The proposed path will be on the side of the hill to the right.



The freeway shoulder is open only to southbound riders. Northbound riders must take a circuitous route to the west.

For questions, please contact Julian Skinner, Senior Engineer, City of Novato, Department of Public Works, [jskinner@ci.novato.ca.us](mailto:jskinner@ci.novato.ca.us) or 415-899-8961.



# Project Example

## Cal Park Tunnel Pathway Project

Project Number: 2300



### LOCATION

SMART (formerly Northwestern Pacific) Railroad grade between Larkspur Landing (Larkspur) and Andersen Drive (San Rafael)

### COST

\$25,116,000 (estimated)

### FUNDING SOURCES

NTPP \$2,000,000/STPL \$3,000,000/CMAQ \$1,500,000/  
RM2 \$5,092,000/Local \$400,000/TFCA \$536,000/ SMART  
\$11,680,000/BTA \$908,000

### COMPLETION DATE

December 2009 (estimated)

### PROJECT DESCRIPTION

The existing two-track tunnel will be rehabilitated to provide a single track tunnel for future SMART rail service and an 11.5-foot wide path in the other half of the tunnel, with an approach path on either side, connecting Larkspur with San Rafael through the Cal Park hill. The path will begin at grade on Andersen Drive near its intersection with West Francisco Blvd. Continuing to the southeast, it will rise and cross on a new bridge structure over Auburn Street and then continue along the east side of the freeway to the tunnel. On the south side of the tunnel the path will connect with Larkspur Landing Circle. Ultimately, the path will continue to the south on the railroad grade to connect with the Central Marin Ferry Connection project (Project 702).

The tunnel itself will be lighted and outfitted with security cameras and call boxes. Physical barriers will be installed to separate the train tracks from the path to improve safety between train operations and path users. There are currently no other reasonably level options for cyclists and pedestrians to cross this ridge without a significant detour along heavily trafficked roadways.



To enhance the users' experience of going into the tunnel, the design team has come up with a concept of a "tunnel within a tunnel". The pathway tunnel entrance protrudes out about 30 feet from the train tunnel entrance as part of a user's transition zone.



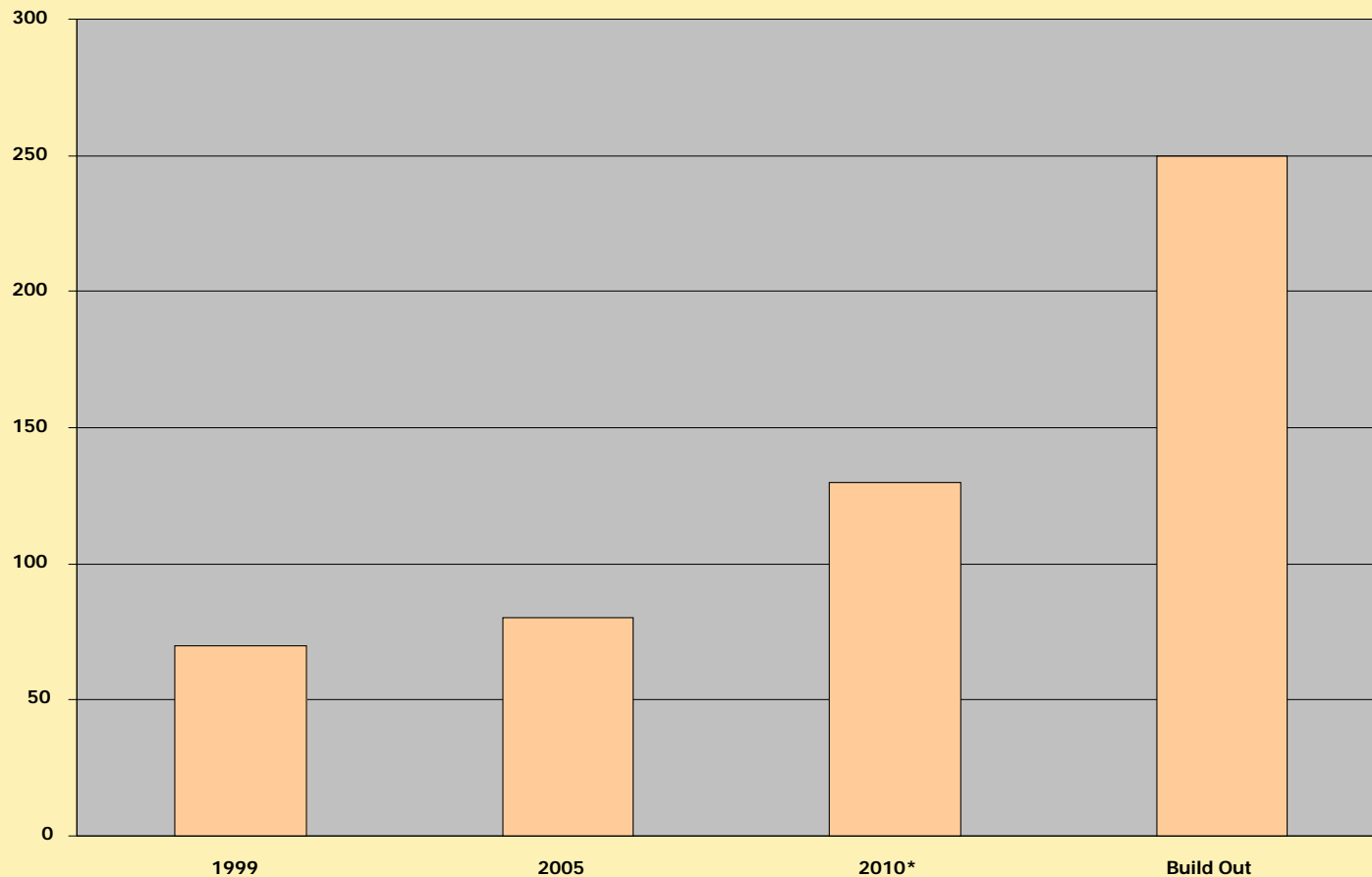
3-dimensional model of the Auburn Street Bridge, facing west

Contact: Craig Tackabery, Marin County Department of Public Works  
[ctackabery@co.marin.ca.us](mailto:ctackabery@co.marin.ca.us) or 415-499-6528





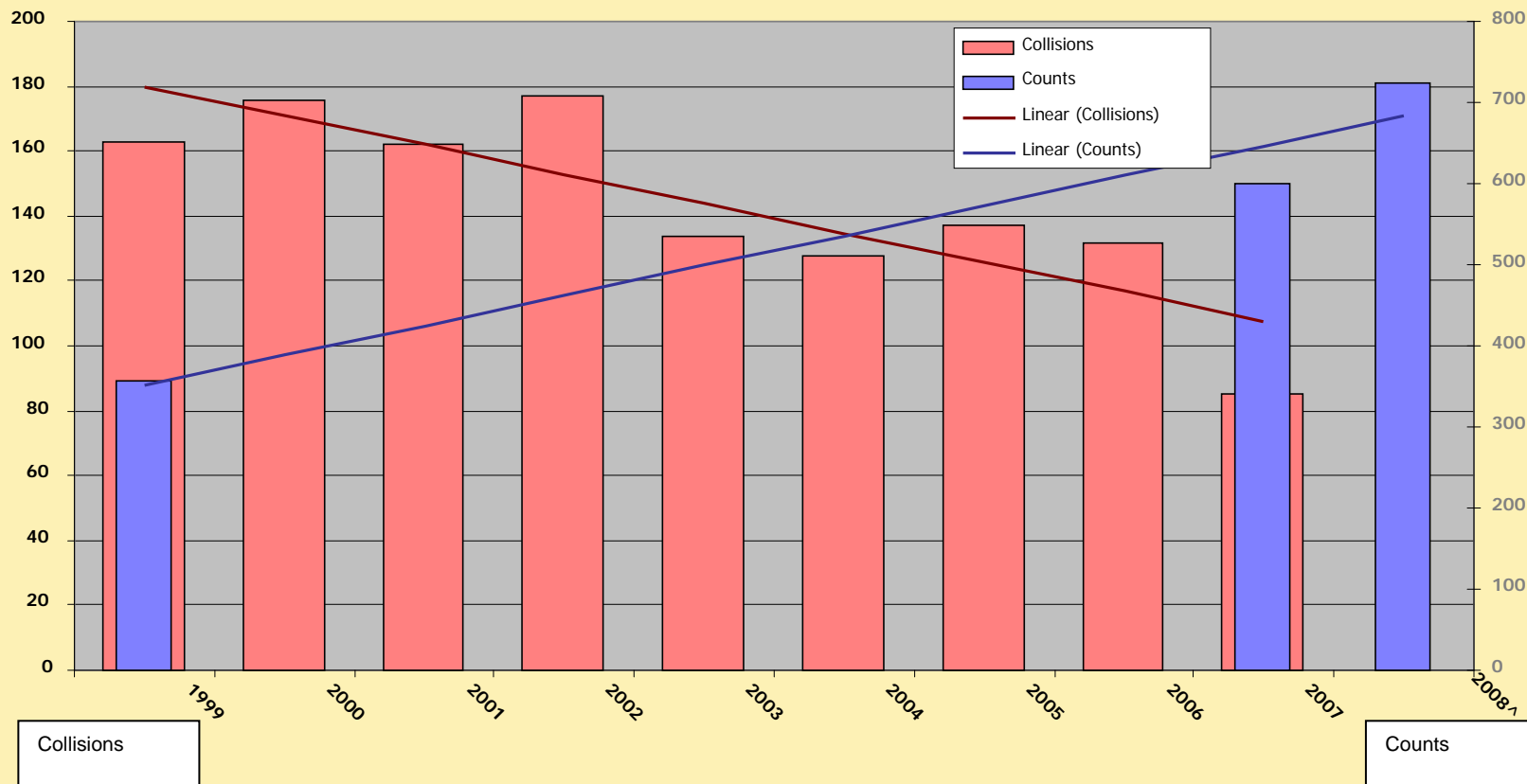
# Miles of Bicycle Facilities in the Urban Corridor



\*2010 includes Primary and Local NTPP Projects

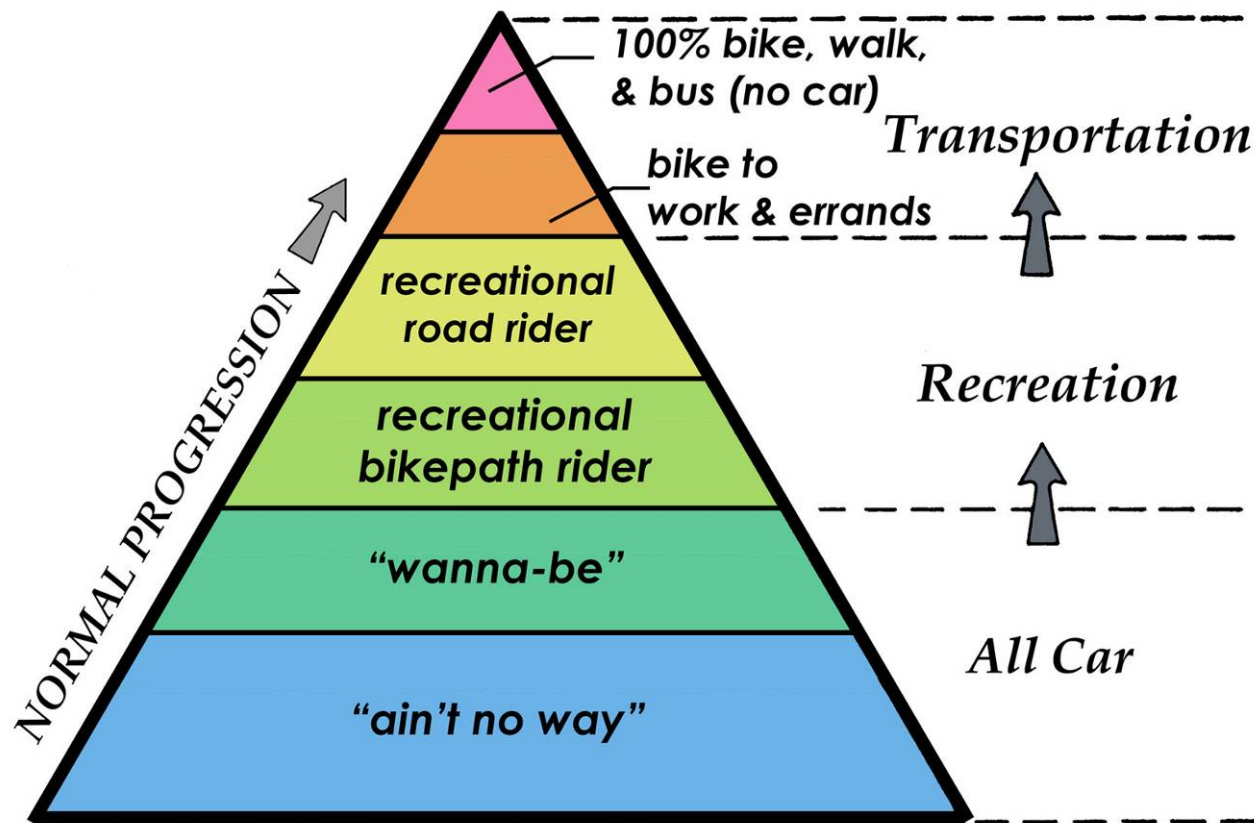


# Bicycle Collisions & Bicycle Counts in Marin County





# A Role for Recreation Oriented Trails in Transportation



# Next Steps

---

- Program development/ implementation in progress
- Design/construction of major capital projects under way
- Construction of infrastructure completed by the end of 2009
- Second travel habits survey conducted Fall 2010



# Next Steps (cont'd)

---

- Reports submitted to Congress:
  - Fall 2007 (interim)
  - Fall 2010 (interim)
  - Spring 2011 (final)



**WALK·BIKE·MARIN**



***[www.walkbikemarin.org](http://www.walkbikemarin.org)***